ABSTRACT

A packet communication apparatus and a packet communication method capable of suppressing decrease in overall system throughput and preventing communication from being reset or disconnected. An ACK generation section (130) generates an ACK/NACK to indicate whether or not data transmitted on the radio channel has been demodulated correctly. A channel quality measurement section (140) measures channel quality of the radio channel from an AMD-PDU received. According to the ACK/NACK generation situation and the channel quality measured, a WSN determination section (160) determines a WSN appropriate for the channel condition and outputs the WSN to a status PDU generation section (170). More specifically, the WSN determination section (160) determines the WSN, for example, according to the ratio of ACK/NACKs generated in the near past and SIR measurement values. When the status PDU generation section (170) generates a status PDU, it sets the WSN determined by the WSN determination section (160) in the WSN field.